



# **Section D**

## ***300 Area Facility Transition***

### **PROJECT MANAGERS**

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## INTRODUCTION

The 300 Area Facility Transition, Project Baseline Summary (PBS) RL-RC06, Work Breakdown Structure (WBS) 3.1.6, consists of 324 and 327 Facility Safe Shutdown, Miscellaneous Radiological Facilities Deactivation, and Project Management and Support. This PBS is organizationally part of Central Plateau, Section G.

NOTE: Unless otherwise noted, all information contained herein is as of the end of December 2002.

## NOTABLE ACCOMPLISHMENTS

**324 Facility Safe Shutdown** – The size reduction of the remaining four thimbles and Spent Nuclear Fuel (SNF) work station was completed, the remaining B Cell dispersible was retrieved from under the SNF racks, and the initial radiation dose survey of the Shielded Material Facility was completed.

**327 Facility Safe Shutdown** – The efficiency testing of the remaining high-efficiency particulate air (HEPA) filters was completed, the decontamination hood HEPA filters were changed out, and the gamma camera data acquisition in G Cell was completed as planned.

**300 Area Miscellaneous Facilities** – The water isolation for the 333 Building was completed and the internal pipe inspection of the 333 Building sprinkler system was completed as planned.

## SAFETY/CONDUCT OF OPERATIONS

All Central Plateau Remediation Project (CP) Safety and Conduct of Operations information is reported in section G.

## BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

### Breakthroughs

**Monolithic Removal of 327 Hot Cells** — Intact removal of the 327 hot cells appears to be a technically feasible approach to accelerated 300 Area closure and to have potentially significant ALARA exposure and schedule/cost benefits. Certification that the hot cells can be disposed of as low level, non-hazardous waste is key to adopting monolithic removal as the technical baseline. The Central Plateau Remediation Project (CP) successfully deployed Accelerated Site Technology Deployment (ASTD) funding in-situ characterization instruments (Copper Foil Activation, Neutron Detection Instrument Pod, and the Cartogram Gamma Camera) in the 327 G and H hot cells. A limited number of paint and swipe samples were taken from the hot cells for laboratory analysis of chemical and isotopic constituents. Reports summarizing the findings from each of the insitu instruments will be issued during January. Laboratory analysis for hazardous materials (lead, chrome, etc.) and confirmation of isotopic composition of the residual radioactive material will be available in March. A draft waste designation for both G and H cells will be complete in July, completing the ASTD project.

### Opportunities for Improvement

None identified at this time.

## UPCOMING ACTIVITIES

**Contract Transition:** Support transfer of FH scope to River Corridor Closure Contract (RCCC). Received a modification that changed the date from July 1, 2002, to "at direction of the Contracting Officer." FH ready to initiate transition upon direction from RL.

## MILESTONE ACHIEVEMENT FH Contract Milestones

MSN	Title	Type	Due Date	Actual Date	Forecast Date	Status/Comments
TRP-02-700	Complete > 27% Remaining 324/327 Deactivation LC Scope	PI	6/30/02	6/30/02		Complete
M-94-02	Submit an Amendment to the Existing 324 Building REC/HLV Closure Plan	TPA	7/30/02	7/30/02		Complete
TRP-03-912	SNF Segments/Fragments Packaging and Removal Complete	RL	2/28/03	11/19/02		Complete
TRP-03-911	SNF Assemblies/Rods Packaging and Removal Complete	RL	3/28/03	11/7/02		Complete

## PERFORMANCE OBJECTIVES

### Outcome: Restore the River Corridor for Multiple Uses

Performance Indicator	Status
<b>FHI-M8 – 300 Area Cleanup</b> Measure 2: Support River Corridor Project (RCP) Contract Transition Expectation 1: Support RC Contract Transition Stretch: Support RC contract transition in accordance with RL Contracting Officer's direction.  All other activities have been completed.	Central Plateau Remediation Project (CP) is prepared to support contract transition when the contract is awarded. Funding was provided by RL for this effort.

## FY03 SCHEDULE/COST PERFORMANCE

Cost/schedule performance is not available for this reporting status; data will be provided during the next reporting period based upon contract baseline updates as submitted to RL on January 30, 2003.

## Funds Management

All CP Funds Management Information is contained in section G.

### ISSUES

#### Technical, Regulatory, DOE and External Issues and DOE Requests

##### Low-Level Burial Ground Space for Waste Storage

**Challenge:** The Low-level Burial Ground space for RH-TRU storage and LLW type 3 disposal are projected to be full in December 2002, impacting planned waste shipments from the 324 Building scheduled to begin March 2003.

**Action/Status**

- RL and FH (WM) will start the Environmental Assessment process leading to construction of new trench space, however in no case will storage space be available in March 2003.
- The 324 building A Cell crane is being repaired to allow temporary Grout Container storage in A Cell.
- B Cell waste will be packaged and stored in B & A Cells while awaiting completion of trench construction.
- Commencement of storage in A Cell should occur in February following completion of crane repair.

#### **BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS**

None identified at this time.